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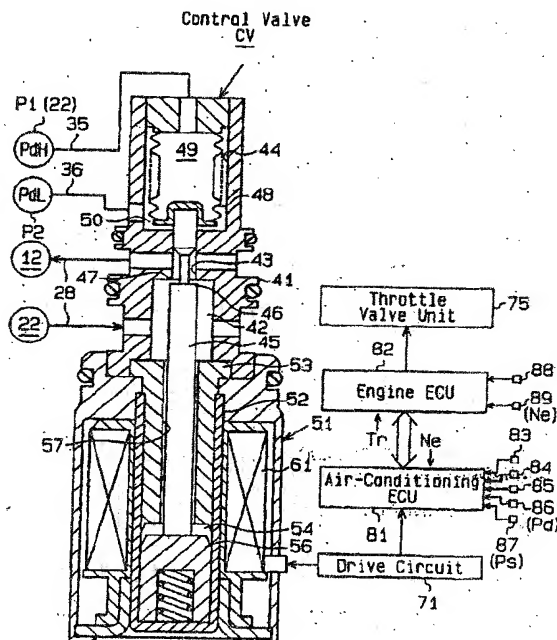
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(54) **Compressor torque computing method, air-conditioning system and engine control apparatus**

(57) An air conditioning apparatus includes a refrigerant circulation circuit that has a compressor. A driving status of the compressor is detected by first detector. A first calculator (81) calculates a theoretical torque and a driving efficiency of the compressor based on information from the first detector. A second calculator (82) calculates a necessary torque required for driving the compressor. The second calculator calculates the necessary torque based on the theoretical torque.

Fig. 2





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EUROPEAN SEARCH REPORT

Application Number
EP 02 00 6363

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B60H F04B F25B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31 July 2003	Examiner Chlosta, P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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